

Notes on Costa Rican Mycetophilidae (Diptera).

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Dr. Alan Stone has kindly called my attention to the fact that *Leia analis* Fisher (Trans. Am. Ent. Soc. 65: 232-233. 1939) is a homonym of *Leia analis* Meigen (Syst. Besch. 1: 257. 1818). The latter is now considered to belong to the genus *Bolctina*. I therefore propose the name *Leia costaricensis* new name for *Leia analis* Fisher.

The four males identified by me as *Platyura* (*Proceroplatus*) *pictipennis* Williston are a distinct species. Dr. F. W. Edwards has sent me a rough sketch of the dry male terminalium of Williston's type in the British Museum. It differs from that figured by me. (Fisher 1. c. pl. 13, fig. 6). I therefore describe the Costa Rican species below:

Platyura (*Proceroplatus*) *vittata* new species

1939. *Platyura* (*Proceroplatus*) *pictipennis* Williston, Fisher Trans. Am. Ent. Soc. 65: 228, pl. 13, fig. 6.

This species is close to *Platyura pictipennis* Williston differing in terminalial structure as well as in color. These color differences are described in the author's paper referred to above.

♂. Total length 2.8 to 3 mm. Face yellow; vertex dark brown, deep black around the ocelli. Palpi dark brown. Mesonotum brown with a wide median yellow stripe, the humeral angles and the lateral margins whitish. Pleura whitish yellow except the pleurotergites which are deep brown. Scutellum yellow. Apex of the postnotum deep brown. Mesonotum uniformly setose. Anepisternites and pleurotergites with setae. Halteres yellow, knob brown. Legs yellow. Fore tibia longer than fore basitarsus (1.5:1.). Abdomen brown to blackish-brown, except the first segment which is entirely yellow; the second to fifth tergites with yellow posterior margins, the sixth and seventh tergites deep brown.

Type: ♂; San José, COSTA RICA (H. Schmidt). June 27, 1930. [Acad. Nat. Sci. Phila. no. 6626].

Paratypes: 3 ♂; San José, Costa Rica (H. Schmidt). April (defective) May 7, June 23, 1930.